

## ATP2B3 Antibody

PACO62447

### Description

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This ATP2B3 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	PACO62447
<b>Contents:</b>	50µl Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	-
<b>Synonyms:</b>	ATP2B3Plasma membrane calcium-transporting ATPase 3 antibody, PMCA3 antibody, EC 7.2.2.10 antibody, Plasma membrane calcium ATPase isoform 3 antibody, Plasma membrane calcium pump isoform 3 antibody
<b>Clone:</b>	Polyclonal
<b>Applications:</b>	<b>ELISA</b> <b>WB</b> <b>IF</b>
<b>Conjugation:</b>	Non-conjugated
<b>Reactivity:</b>	Human

### Antibody Data

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<b>Isotype:</b>	IgG
<b>Uniprot:</b>	Q16720
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	>95%, Protein G purified
<b>Immunogen:</b>	Recombinant Human Plasma membrane calcium-transporting ATPase 3 protein (1057-1220AA)
<b>Immunogen Species:</b>	Homo sapiens (Human)
<b>Buffer:</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
<b>Form:</b>	Liquid

## Preparation & Storage

**Storage:** Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Store Bradford Reagent at Room Temperature for 1 Year.

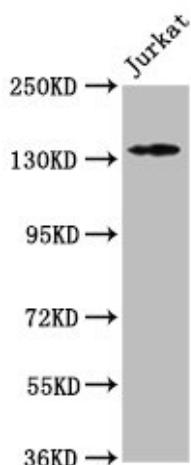
**Recommended Dilutions:**

Application	Recommended Dilution
WB	1:100-1:1000
IF	1:20-1:200

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

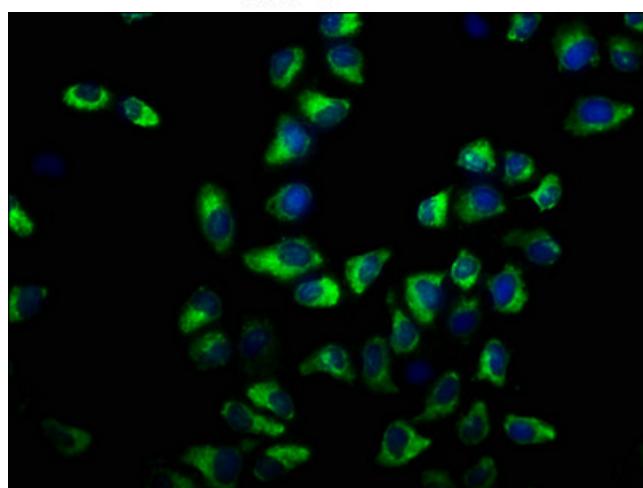
## Validation Data

### Image



### Description

Western Blot Positive WB detected in: Jurkat whole cell lysate All lanes: ATP2B3 antibody at 1:500 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 135, 129, 128, 133, 127, 125, 123 kDa Observed band size: 135 kDa



Immunofluorescence staining of HeLa cells with PACO62447 at 1:33, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).